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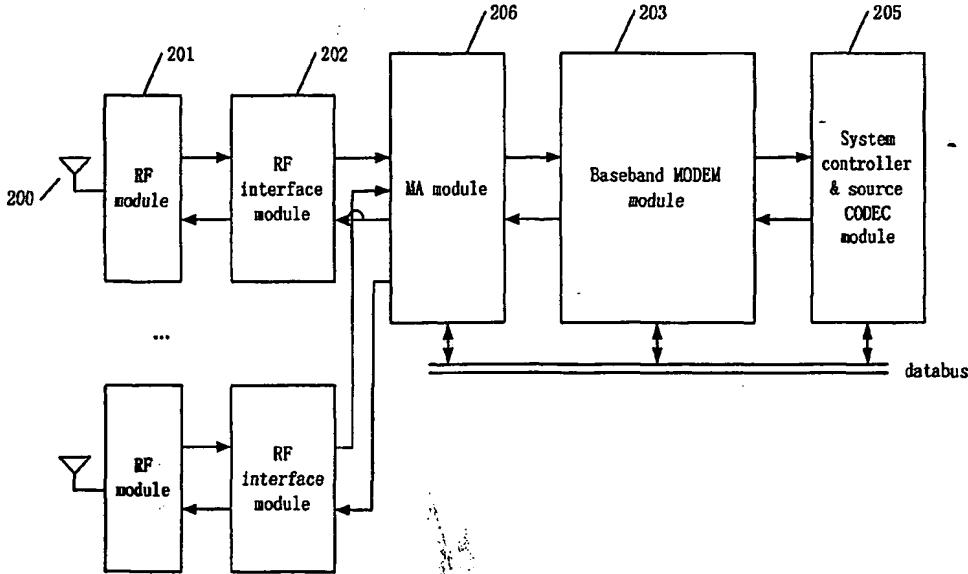
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(54) Title: A MULTI-ANTENNA SOLUTION FOR MOBILE HANDSET



(57) Abstract: A mobile terminal with multi-antenna (200) based on CDMA, comprises a plurality of groups of radio frequency signal processing modules (202), for transforming received multi-channel radio frequency signals based on CDMA to multi-channel baseband signals; a multi-antenna module (206), for combining said multi-channel baseband signals output from the plurality of groups of radio frequency signal processing modules into single-channel baseband signals according to control information received one-off when said multi-antenna module enables a multi-antenna baseband processing; and a baseband processing module (203), for providing said control information to said multi-antenna module and baseband processing said single-channel baseband signals outputted from said multi-antenna module.

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